

**REMARKS/ARGUMENTS**

Claims 1-14 and 16 are pending. Claims 1-14 and 16 stand rejected.

**Rejections Under 35 U. S.C. § 102**

The Office Action at page 2, paragraph 2 sets forth, "claims 1-2, 4-7, 9-11, and 13-14 and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Edwards, Jr. et al." Applicants respectfully submit that this rejection is overcome by the amendments to the claims for the reasons set forth below.

Applicants' invention, as recited in claim 1 (as amended), includes features which were neither disclosed or suggested by Edwards, Jr., namely:

... not more than a single S-shaped section disposed between said side sections, said S-shaped section being free of a trimming portion.  
(Emphasis added)

These features are described in applicants' specification, for example, at page 3, line 22 through page 4, line 23.

According to claim 1, not more than a single S-shaped section is disposed between the side sections. In addition, the S-shaped section is free of a trimming portion.

Edwards, Jr. is relied upon as "[disclosing] at Fig. 1 or Fig. 2 ... S-shaped section 24 having side sections at the ends, and electrodes 22." Office Action at page 2, paragraph 2. Edwards, Jr. does not disclose or suggest, however, not more than a single "S" shaped section between the side sections. Rather, Edwards, Jr. discloses a multiple "S" shaped sections between the side sections. See, Figs. 1, 2, 6 and 7. Furthermore, it is a requirement in Edwards, Jr. that multiple "S" shaped sections be used in order to reach the desired result in Edwards, Jr., specifically, a voltage divider.

In contrast, Applicants' invention, as recited in amended claim 1, requires that not more than a single "S" shaped section be provided between the side sections of the resistor element.

It is because Applicants have included the feature of not more than a single "S" shaped section provided between the side sections of the resistor element, that applicants are able to provide a resistor having greater surge voltage capability and increased accuracy. Edwards, Jr. does not achieve this advantage because Edwards, Jr. has a resistive element having multiple "S" shaped sections connected to the electrode at an end of the resistive element.

For the reasons set forth above, claim 1 is neither disclosed nor suggested by Edwards, Jr. et al. Claim 1 is therefore not subject to rejection under 35 U.S.C. §102(b) as being anticipated by Edwards, Jr. Applicants respectfully request that the rejection be withdrawn and the claim allowed.

Although not identical, claims 6 and 11 recite features similar to those of claim 1 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1.

Further, claims 2, 4, 5, 7, 9, 10, 13, 14 and 16 ultimately depend upon either claim 1, 6 or 11 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1, 6, and 11.

The Office Action at page 3, paragraph 3 sets forth, "claims 1-2, 4, 6-7, 9-11, and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Mizukoshi et al." Applicants respectfully submit that this rejection is overcome by the amendments to the claims for the reasons set forth below.

Mizukoshi is relied upon as "[disclosing] at Figs. 1 and 4 ... the S-shape having side sections at the ends, and electrodes 3, 4." Office Action at page 3, paragraph 3. Mizukoshi does not disclose or suggest, however, not more than a single "S" shaped section between the side sections of the resistor element. Thus, Mizukoshi does not anticipate applicants' invention as recited in claim 1. Therefore,

applicants respectfully request that the rejection of claim 1 as being anticipated by Mizukoshi be withdrawn and the claim allowed.

Although not identical, claims 6 and 11 recite features similar to those of claim 1 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1.

Further, claims 2, 4, 7, 9-10 and 13 ultimately depend upon either claim 1, 6 or 11 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1, 6, and 11.

The Office Action at page 3, paragraph 4 sets forth, "claims 1-2, 6-7, 11, and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Collins." Applicants respectfully submit that this rejection is overcome by the amendments to the claims for the reasons set forth below.

Collins is relied upon as "[disclosing] ... at 1A and Fig. 3 ... the S-shape resistor R having side sections at the ends." Office Action at page 3, paragraph 4. Collins does not disclose or suggest, however, not more than a single "S" shaped section between the side sections of the resistor element. Thus, Collins does not anticipate applicants' invention as recited in claim 1. Therefore, applicants respectfully request that the rejection of claim 1 as being anticipated by Collins be withdrawn and the claim allowed.

Although not identical, claims 6 and 11 recite features similar to those of claim 1 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1.

Further, claims 2, 7 and 13 ultimately depend upon either claim 1, 6 or 11 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1, 6, and 11.

The Office Action at page 4, paragraph 5 sets forth, "claims 1-6 and 8-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Kambara et al." Applicants respectfully submit that this rejection is overcome by the amendments to the claims for the reasons set forth below.

Kambara is relied upon as "[disclosing] the claimed invention at Figs. 3-4. The side sections are part of the resistor under the electrodes 3,"3" and 4"4"." Office Action at page 4, paragraph 5. Kambara does not disclose or suggest, however, not more than a single "S" shaped section between the side sections of the resistor element. Thus, Kambara does not anticipate applicants' invention as recited in claim 1. Therefore, applicants respectfully request that the rejection of claim 1 as being anticipated by Kambara be withdrawn and the claim allowed.

Although not identical, claims 6 and 11 recite features similar to those of claim 1 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1.

Further, claims 2-5, 8-10 and 12 ultimately depend upon either claim 1, 6 or 11 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 1, 6, and 11.

#### **Rejections Under 35 U. S.C. § 103**

The Office Action at page 4, paragraph 7 sets forth, "claims 3, 8 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mizukoshi et al. in view of Solow." Applicants respectfully submit that this rejection is overcome by the amendments to the claims for the reasons set forth below.

Mizukoshi is relied upon as "[disclosing] the claimed invention except for a trimming groove .... Solow discloses a groove in the side sections to adjust the resistance." Office Action at page 4, paragraph 7. Solow does not disclose or suggest, however, not more than a single "S" shaped section between the side sections of the resistor element. Thus, Solow fails to make up or the deficiencies of Mizukoshi discussed above with respect to the 35 U.S.C. §102(b) rejection as it relates to claim 1. Therefore, applicants respectfully request that the rejection of claim 3 (which depends on claim 1) as being unpatentable over Mizukoshi in view of Solow be withdrawn and the claim allowed.

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Reply to Final Office Action of:

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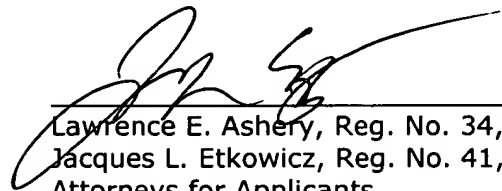
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Although not identical, claims 8 and 12 recite features similar to those of claim 3 and, thus, are likewise not subject to rejection for at least the reasons set forth above with respect to claim 3.

In view of the remarks set forth above, Applicants submit that the above-identified application is in condition for allowance which action is respectfully requested.

Respectfully submitted,

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